

NEWSLINE

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Dennis Reutter brings extensive forensic science experience to LLNL



PHOTO BY JACQUELINE MCBRIDE/NEWSLINE

"I'm absolutely devoted to forensic analysis of CBRN materials, both as a deterrent to their use as terrorist weapons and to support counterproliferation and treaty verification."

— Dennis Reutter

*by Stephen Wampler
Newsline staff writer*

While new to the Laboratory, Dennis Reutter is well known by the staff of the Forensic Science Center (FSC). "I've worked with the FSC folks—Rich Whipple, Armando Alcaraz, Brian Andresen, and Glenn Fox—for years," Reutter said.

Reutter comes to LLNL from the U.S. Department of Homeland Security (DHS), where he was chief scientist for the Integrated Chemical, Biological, Radiological and Nuclear (CBRN) Forensics and Attribution Program in the Science and Technology (S&T) Directorate.

This program, which he helped establish, is a joint effort between DHS and the FBI. Its aim is to provide the nation with robust forensics and attribution capabilities for weapons-of-mass-destruction (WMD) materials. While at DHS, Reutter also helped establish the S&T Directorate's Chemical Countermeasures Portfolio.

"I'm absolutely devoted to forensic analysis of CBRN materials," Reutter said, "both as a deterrent to their use as terrorist weapons and to support counterproliferation and treaty verification."

Before he was detailed to DHS from the Department of Defense (DoD), Reutter worked for many years at the Edgewood Chemical Biological Center of the U.S. Army's Soldier Biological Chemical Command, including more than 10 years as chief of Edgewood's Forensic Analytical Laboratory.

During the 1990s, Reutter served as the DoD representative to The Hague for negotiations on implementing the Chemical Weapons Convention (CWC). Together with retired LLNL employee Ray McGuire as the DOE representative, he helped author the U.S. position on on-site inspections and sampling.

LLNL is an important partner not only in DHS' CBRN Forensics and Attribution Program but in its countermeasures portfolios as well, Reutter noted.

"The FSC can handle evidence that other forensics labs can't accept. Of the four operational centers that support the FBI in investigations involving WMD, only LLNL can conduct analyses on all the major threat materials—chemical, biological, radiological, nuclear and explosives." In addition, the FSC is one of two laboratories in the United States certified to analyze samples collected to verify compliance with the CWC (the other lab is at Edgewood).

"Dennis' extensive knowledge and experience in forensic science coupled with his close ties to the DoD, DHS, FBI and DOE, will ensure that the high-quality work that is characteristic of the Forensic Science Center, their rigorous analytic protocols and their nationally renowned reputation for scientific and operational excellence will be maintained and strengthened," said Mike Carter, deputy principal associate director for Global Security.

Looking to the future, Reutter wants to broaden the customer base and support for the FSC. "My vision is for the FSC to be recognized as an irreplaceable part of the national architecture for fighting terrorism."

Dehghani named to the American Society of Technical Engineer's Committee on Engineering Accreditation

Moe Dehghani has been named a member of the American Society of Technical Engineers' Committee on Engineering Accreditation.

Having volunteered as an evaluator of engineering programs at many institutions for the past 10 years, Dehghani has now joined the policy-making committee and will serve as chair of its engineering review teams. The committee's main responsibilities include developing and maintaining a cadre of more than 125 program evaluators; reviewing and modifying the program criteria when necessary; and comparing accreditation actions with recommendations.

Noting the academic ranks and depth of service of present committee members, Dehghani said he was surprised and humbled to be asked to join them.

Dehghani has a Ph.D. in mechanical engineering and joined the Lab 11 years ago after having taught mechanical engineering at Ohio University. A member of the Engineering Directorate, he said he enjoys the volunteer opportunity to stay current with the field, as well as being involved in policy-making. Engineering curricula are reviewed for accreditation every six years.

The group is a participating society of ABET (the Accreditation Board for Engineering and Technology). A federation of professional engineering and technical societies, ABET is responsible for accrediting education programs in engineering, engineering technology and engineering-related fields. ABET currently accredits some 2,300 such programs at more than 500 colleges and universities in the United States.



Moe Dehghani

Former Lab AD David Baldwin receives 2007 Distinguished Career Award

*By Stephen Wampler
Newsline staff writer*

Former LLNL Associate Director for Energy David Baldwin has been selected to receive the 2007 Distinguished Career Award from Fusion Power Associates (FPA) by the group's board of directors.

Established in 1987, the award recognizes individuals who have made lifelong career contributions to fusion development. The award will be presented at FPA's annual meeting and symposium Dec. 4-5 in Oak Ridge, Tenn.

In selecting Baldwin, the FPA board pointed out that he had made "many scientific contributions to fusion research over several decades" and provided "leadership of the fusion programs at LLNL and General Atomics."

The board further noted the important policy roles Baldwin has "played over many years in guiding the national and international fusion efforts."

Baldwin came to LLNL in 1970 as a theorist in the Magnetic Fusion Energy (MFE) directorate's Mirror Program. Not long after that, the Lab's main MFE experiment became the Tandem Mirror Experiment and construction started on the Mirror Fusion Test Facility B.

In 1986, Baldwin succeeded Ken Fowler as the associate director for MFE. He directed MFE for two years before he was named to be a professor of physics and director of the Institute for Fusion Studies at the University of Texas at Austin, where he remained for three years. Baldwin then returned to the Laboratory in 1991, where he served as LLNL's associate director for Energy for four years.

For the next 12 years, until this year, he was a senior vice-president at San Diego-based General Atomics for magnetic fusion and then for energy, including the development of energy from nuclear and hydrogen sources.

"I was very fortunate," Baldwin said. "I worked with great scientists and engineers at the Laboratory and General Atomics. I saw myself as helping others do a good job and they did at both places."

Today, Baldwin works for Powered Corp., a small company headquartered



David Baldwin

in Houston and Dubai with a technical office in San Diego. The firm seeks to build and operate high-temperature, low-water consumption gas reactors in the Middle East for electricity and water desalination.

In addition to Baldwin, current or past LLNL fusion researchers who have received the FPA's Distinguished Career Award include: Richard Post, 1987; Fred Coensgen, 1989; Ken Fowler and Harold Furth, 1995; John Nuckolls, 1996; and Tom Simonen, 2000.

Headquartered in Gaithersburg, Md., FPA is a non-profit, research and educational foundation that provides information on the status of fusion development and other applications of plasma science and fusion research.

Reporting waste, fraud and abuse relating to DoE/NNSA programs and operations

Employees who have reasonable suspicion of waste, fraud, or abuse relating to Department of Energy or National Nuclear Security Administration programs, operations, funds, contracts, grants or information technology systems, should inform appropriate authorities.

Examples of such violations include, but are not limited to: false statements; false claims; bribery; kickbacks; fraud; environmental, safety and health violations; theft; and/or computer crimes.

Violations normally should be reported through the supervisory chain. When

appropriate, employees should report directly to the Office of Inspector General (OIG). Managers should ensure that reprisals are not taken against employees who report waste, fraud, abuse, misuse, corruption, criminal acts or mismanagement.

Information may be reported to the Office of Inspector General through the OIG hotline, at 800-541-1625 or 202-586-4073; via fax at 202-586-4902; email at ighotline@hq.doe.gov, or mail to US Department of Energy, Office of Inspector General, Attention: IG-40, Mail Stop 5D031, 1000 Independence Avenue, Washington DC, 20585.

WHAT'S NEW?

Notice regarding Lab business travel

LLNL employees traveling on Lab business are encouraged to print and carry with them this letter on the Web at http://www-r.llnl.gov/bsd/travel/dox/doe_letter.pdf that identifies them as an LLNL employee under subcontract to the Department of Energy, a federally funded research and development facility.

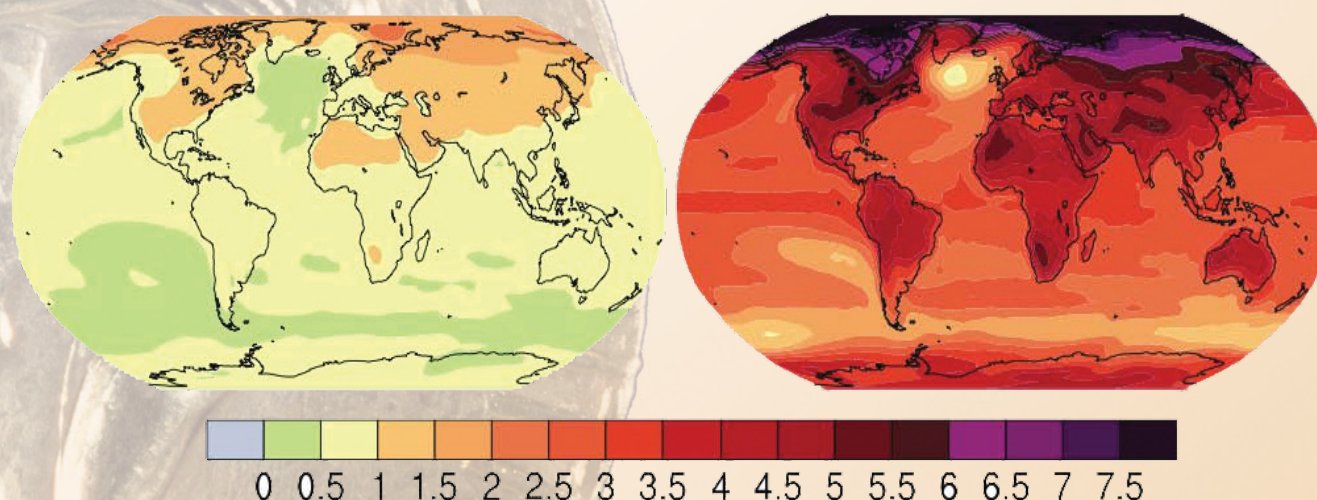
This letter will assist travelers in receiving discounts they may be entitled to during check-in at hotels, which provide or have available government discounts.

This memo is for employees only and cannot be used by LLNL subcontractors.

For more information or questions, contact Travel Services, 4-3791.

SCIENCE NEWS

Climate-model data earns Nobel Peace Prize



The multi-model mean projected change in surface temperature for early (left) and late (right) 21st century (specifically, 2020-2029 and 2090-2099), relative to the last two decades of the 20th century (1980-1999). The projection is based on a scenario in which little control is imposed on greenhouse gas emissions. The data from which the multi-model mean result is calculated is available from PCMDI's archive which contains results from 23 climate models.

By Anne M. Stark
Newsline staff writer

Nearly 40 Laboratory employees are key scientific contributors to the reports of the Intergovernmental Panel on Climate Change. And their work has paid off in the form of a Nobel Peace Prize.

The Norwegian Nobel Committee last Friday decided that the Nobel Peace Prize for 2007 is to be shared, in two equal parts, between the Intergovernmental Panel on Climate Change (IPCC) and former Vice President Al Gore for their efforts to build up and disseminate greater knowledge about man-made climate change, and to lay the foundation for the measures that are needed to counteract such change.

The citation reads: "Through the scientific reports it has issued over the past two decades, the IPCC has created an ever-broader informed consensus about the connection between human activities and global warming. Thousands of scientists and officials from more than 100 countries have collaborated to achieve greater certainty as to the scale of the warming. Whereas in the 1980s global warming seemed to be merely an interesting hypothesis, the 1990s produced firmer evidence in its support. In the last few years, the connections have become even clearer and the consequences still more apparent."

The Lab's Program for Climate Model Diagnosis and Intercomparison (PCMDI) has made major contributions to all of the IPCC reports, from the First Assessment Report in 1990 to the Fourth Assessment Report in 2007.

"Many PCMDI scientists have worked diligently to improve our scientific understanding of the nature and causes of climate change, and to facilitate the distribution of climate model data to our entire community," said Ben Santer, one of the Lab

contributors. "I'm delighted that the award of the 2007 Nobel Peace Prize to the IPCC recognizes the contributions of many, and not simply the contributions of one or two individuals."

Lab scientists in the Chemistry, Materials, Earth & Life Sciences (CMELS) and the Computation directorates within the Science and Technology Principal Associate Directorate played key roles in the work leading to this year's Nobel Peace Prize.

By awarding the Nobel Peace Prize for 2007 to the IPCC and Al Gore, the Norwegian Nobel Committee is seeking to contribute to a sharper focus on the processes and decisions that appear to be necessary to protect the world's future climate, and thereby to reduce the threat to the security of mankind.

"Many from across Lab — atmospheric scientists, computer scientists, system administrators of the climate data storage system — have contributed to the PCMDI efforts that have helped form some of the scientific underpinnings of the IPCC reports," said Norm Burkhard, deputy associate director for Strategic Programs in the CMELS Directorate. "LLNL has played a very strong role in the IPCC since the initial IPCC assessments in the 1990s."

Tomás Díaz de la Rubia, associate director of the CMELS Directorate, echoed Burkhard's sentiments.

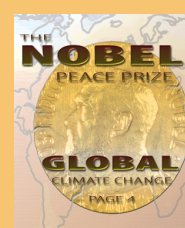
"The Department of Energy's Office of Biological and Environmental Research funded the PCMDI program at the Lab and the scientists are a key element in providing comparisons and assessments of worldwide climate models that ultimately go into the IPCC conclusions and recommendations," he said. "LLNL scientists, indeed, play a strong, central role in the IPCC that was just awarded the Nobel Peace Prize."

"This is the ultimate recognition of the importance of this work," said Jane Long, principal associate

Team participants

Krishna AchutaRao
Jenny Aquillino
Cyndi Atherton
Dave Bader
Govindasamy Bala
Celine Bonfils
Jim Boyle
Ken Caldeira
Cathy Chuang
Curt Covey
Jane Dignon
Charles Doutriaux
Bob Drach
Philip Duffy
Hugh Elsaesser
Mike Fiorino
Larry Gates
Peter Gleckler
Alan Grossman
Stan Grotch
Tony Hoang
Stephen Klein
Mike MacCracken
Norm Miller
Joyce Penner
Tom Phillips
Jerry Potter
Benjamin Santer
Bob Schock
Ken Sperber
Karl Taylor
Starley Thompson
Michael Wehner
Dean Williams
Don Wuebbles

On the cover:
The Nobel
Peace Prize
medal, front,
with merged
surface
temperature,
background.



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® THE NOBEL
FOUNDATION

Single-minded Teller scholar engineers future

By Nancy Garcia
Newsline staff writer



JACQUELINE MCBRIDE/NEWSLINE

Mina Bionta

Relations internship program manager Barry Goldman.

She became excited about a project that entails the rapidly advancing field of single cell engineering, in which single cell biochemical and biophysical behaviors in response to controlled environmental stimuli are measured and evaluated — in this case, the actions of cells sensing, taking up and engulfing particles. The research being carried out with mentors Amy Hiddessen and Alex Artyukhin of Chemistry, Materials and Earth & Life Sciences (CMELS) should further clarify the processes of infection that occur when microbes enter cells.

“We’re trying to study the physics behind the mechanisms,” Bionta said. “Using atomic force microscopy, we observe how beads land on the edge of a cell and the cell takes in the

Mina Bionta had a whole year to think about her upcoming Edward Teller Science Scholarship internship at the Lab — in between freshman classes at Stanford University. She was named a scholar last year as a graduating senior from Livermore High School. Awardees receive \$1,000 and the chance to intern after the first year of college.

Bionta had already interned a couple of summers at the National Ignition Facility for Laura Kegelmeyer and Steve Azevedo, who met her when judging her entry at the Tri-Valley Science & Engineering Fair.

Consequently, she still had her badge and so was able to visit during spring break to speak to a handful of prospective biophysics mentors lined up by University

bead.” The latex beads, measuring 1 – 10 microns, have been coated with an important protein that mediates interactions across cell membranes, fibronectin. “We track the timing,” Bionta said, “and will eventually track how much protein lands on the cell.”

Hiddessen explained that the protein presented by the beads triggers a response in the cell that allows the team to observe the induced cell signaling process. For instance, motion of the cell’s cytoskeleton can be observed. Observations are made using new microscopic and laser-based tools, custom-built by the team that allow for localized tracking, perturbation and measurement of the positions and concentrations of cellular components within a living cell as steps in the process unfold in real time.

Bionta discovered that the research has its satisfaction and challenges.

“I like that it’s hands-on,” she remarked. “It’s kind of tricky, because you can mess up one step and ruin the whole thing and not really know why. There are a lot of little variables, which makes it more interesting.”

Like her parents and fellow Lab employees, physicists Richard Bionta and Hye-Sook Park, she plans to concentrate on physics. Bionta said she found writing an English paper somewhat harder to gauge in terms of how she has succeeded, or not, in the eyes of her teacher. “You don’t know what they’ll think of it — I like science because it makes sense to me, it’s more concrete.”

She spent her first year in college studying the advanced physics series for freshman and taking a lot of math. She had a couple of years each of chemistry and physics in high school, and took a Regional Occupational Program (ROP) class in environmental studies for advanced placement credit. The ROP class led to a science fair entry, “Measuring Long-Term Trends in the San Francisco Bay Delta Using Satellite Imagery,” that won awards from the Intel International Science and Engineering Fair in 2006, as well as being a senior sweepstakes winner at the Tri-Valley Science and Engineering Fair that year.

For now, she is looking forward to resuming her college studies. “I enjoyed college,” she said, “and am excited to be going back!”

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director-at-large for Global Security at LLNL, “as well as justification for why this type of research needs to continue.”

In a press conference last Friday, Gore spoke about how the award serves as a wake up call to the world to raise awareness about global warming.

“I have the honor of sharing this award with the IPCC, which is the preeminent scientific group,” he said. “It’s made up of individuals who tirelessly worked on this for so many years.

“The alarm bells are going off in the scientific community,” Gore said. “They’ve been trying to get the attention of the world community.”

In the opening acknowledgements of the 4th Assessment Report of the IPCC, Working Group I Co-Chair Susan Solomon thanked PCMDI for “the archiving and distribution of an unprecedented amount of climate model output,” and PCMDI was publicly honored by the IPCC itself with the presentation of a plaque with the inscription, “In recognition of extraordinary contributions to the Fourth Assessment Reports.”

Chapter 8 of the 4th Assessment Report, specifically notes that: “Perhaps the most important change from earlier efforts was the collection of a more comprehensive set of model output, hosted centrally at the Program for Climate Model Diagnosis and Intercomparison (PCMDI). The enhancement in diagnostic analysis of climate model results represents an important step forward since the Third Assessment Report.”

The IPCC was created in 1988 in response to growing concern about

the risk of anthropogenic climate change. The General Assembly of the United Nations asked the two UN bodies most engaged in the issue, the World Meteorological Organization and the United Nations Environment Programme, to set up this panel to provide the best available information on climate change science, the likely impacts of climate change and mitigation and adaptation strategies.

The First Assessment Report of 1990 was submitted to the UN General Assembly, which responded by formally recognizing that climate change required global action and launched the negotiations that led to the adoption of the 1992 UN Framework Convention on Climate Change.

The Second Assessment Report published in 1996 reached the historic conclusion that the “balance of evidence suggests a discernible human influence on global climate.” Lab research in “climate fingerprinting” made an important contribution to this conclusion and to subsequent IPCC findings, and helped to strengthen the scientific case for a pronounced human influence on many different aspects of the climate system.

Hundreds of worldwide authors have devoted an incredible amount of time and labor to writing and reviewing the IPCC reports. None of the authors has been paid for their time.

The IPCC assessments are based on peer-reviewed scientific and technical literature. The IPCC reports are written by teams of authors from all over the world who are recognized experts in their field. They represent relevant disciplines as well as differing scientific perspectives. This global coverage of expertise, the interdisciplinary nature of the IPCC team, and the transparency of the process, constitute the panel’s strongest assets.

i.want ads

Due to the high quantity of ads and space limitations, these want ads have been abbreviated. For the complete ad listings, refer to the internal Website: <http://www-r.llnl.gov/pao/news/ wantads.html> or for the latest pdf download and retiree information, see the external Website: <http://www.llnl.gov/pao/employee/>. Please note that these ads appear on the Web.
Date of ads: Approx. Oct. 9 to Oct. 16. Ads appear on the Web for seven days.

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1995 Chevy Impala. \$10,750. Dark cherry with gray leather interior. 106K miles. 209-823-5573
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Mercedes 2002 C320. \$13,900. Platinum warranty available for transfer, fully loaded, 925-876-2271
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Girl's 18-speed Shimano Asama Stargazer bicycle. \$25. Has been garaged for several years. 426-0566
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ELECTRONIC EQUIPMENT
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External firewire CD/DVD burner. \$75. EZQuest Boa drive, 925-606-0755
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File drawers. \$35. 925-640-5469
Fire truck toddler bed. \$75. Step 2. Has working night light on top. 925-556-6210
Furniture. \$800/obo. Computer desk, printer stand, lateral file/cabinet, hutch, rolling file & bookcase. 925-735-1841
Granite slab leftover from kitchen remodel. \$315 OBO. 36" x 115". Verde Uba Tuba. 510-792-1538
Holmes twin window fan. \$25. Digital control, sets and maintains precise temperature easily, 925-648-0671
Furniture. 2 twin beds, solid oak w/ brand new mattress and frame. \$160 ea. or both for \$300. Dresser, \$40. TV wall mount stand, \$10. 925-513-1786
Ladder shelving, solid wood. 925-640-5469
Matching dressers/night stands. Best offer. 248-752-7831
Microwave. \$100 OBO. GE, with convection, grill, turn table, 925-783-9460
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Presto heat dish. \$20. Parabolic heater, excellent condition, 209-604-1025
Queen bedspread. \$25. Primary colors are light blue and pink. 925-640-5469
Recliner. \$175. La-Z-Boy, excellent condition, Tan textured fabric. Scotchguarded. 925-443-9266
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Folding recliner chair. \$30. Heavy duty, padded, outdoor recliner, excellent condition, 209-604-1025
Gray SUV bench seat upholstery cover. \$20. Keeps your car looking new and clean. 925-783-0473
Halloween costumes. \$18 each. Winnie the Pooh and Piglet, 6-12 months. 925-989-8059
Multi-family garage sale. Proceeds to benefit PEO women's scholarship fund. Saturday, Oct. 20, 8 a.m.-2 p.m, 76 Cameo Drive, Livermore, 209-836-3363
Raider tickets (2) for Oct. 21. \$60. vs. Kansas City Chiefs. 925-648-0671
Rice paper roll-up shade. \$8. 925-640-5469
Certificate for 2 night stay at Sheraton Hotel in Pleasanton. \$125. 925-648-0671
Sheraton Saturday night stay w/ brunch in Bakersfield. \$80. 925-648-0671
Spiderman giant inflatable pool \$25. box. 925-648-0671
Spotting scope. \$500 Bushnell Elite with rain-guard 20x60x80. Excellent condition. 925-516-8339
Stewardess halloween costume. \$5. It will fit a size 10 or smaller. 925-640-5469
Vintage purses in 30s, 50s, 60s, 70s, 80s styles. Prices differ; selling for fund-raiser. 209-914-2132

Wood antique fishing lures. Other collectable fishing items. 209-914-2132
Yard sale. Sat. Oct. 20, Guilford Ave. Livermore. 925-447-3079
MOTORCYCLES
1997 Honda CBR900RR. \$3,750. Erion racing colors, great condition. 925-518-4883
82 Yamaha MX100. \$425. Great beginners' bike, great condition. 209 836 3481
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Oldie treadmill. \$30. 925-640-5469
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1995 GMC 4x4. \$4,500. 3/4 ton, ext cab, shrt bed w/liner and dia plate tool bx and side rails 925-784-0480
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2006 Chevy Silverado truck. BO. 3/4 ton; crew cab; short bed; 8.11 gas engine; 925-634-5851
GMC Z71 ex cab. \$16,000. 4X4. Very nice, loaded and clean. 209-832-5462
VACATION RENTALS
Arnold mountain house. Great 4 bdrm, 3 bath mountain house with large game room, reasonable. Booking winter dates. 925-245-1114
Kona Hawaii vacation rental home. 415-377-5361
Maui, HI Kahana Reef oceanfront 1BR/1BA condominium. 925-449-0761
Pinecrest cabin. \$225/wknd; lake area off Sonora Pass Road, 3-bdrm/2-bath w/frp/c, pool table, large deck, and view 925-449-5513
S. Lake Tahoe vacation resort. \$1,800/wk Dec. 22-29. 2-br, 2-ba, 510-651-1555
Santa Cruz cottage. Beach cottage - 2-bdrm, 2-bath nicely furnished, spa, 925-245-1114
South Lake Tahoe chalet. 3 bedroom 2 bath chalet, nicely furnished, newly remodeled kitchen, 209-599-4644
Tahoe rental. \$200/wknd Soda Springs/Donner Summit, slassic A frame, 209-836-3481
Tahoe vacation rental. \$700/wk. So. Lake Tahoe cabin close to everything. Pets welcome. 925-556-9511
Wine country rental. \$150/night Monte Rio – 925-513-4767
WANTED
American Girl dolls, clothes and accessories. I am looking for gently used dolls, clothes and accessories for my 10-year-old niece. 925-422-1421
I want a book shelf for my child's bedroom approx. 3 shelves. Nothing too tall. 925-961-1920
Brio train parts. For orphanage in Uganda. If you have some you are no longer using, please let me know. 925-447-8544
Microwave oven. Looking for a small oven in good condition for a teacher in her classroom. 925-513-4767 925-513-4767
Tall narrow dresser. For my daughter's room. Not your standard tall dresser, must be narrow. 925-961-1920
Tenor saxophone needed. Aspiring high school jazz student needs a good tenor sax for Granada HS jazz band. Is there a second life for your instrument? 925-243-1398



Halloween Safety Tips

Halloween can be a fun time of the year for kids and adults alike. The downside of this is that every year children are seriously hurt or killed mostly because of falls, and pedestrian versus vehicle accidents.

Here are a few safety suggestions that will allow you or your loved ones to have a safe Halloween.

- Costumes should be made of USA-approved flame-resistant material and should not present a tripping hazard.
- Costumes should be made of reflective materials, so that the wearer may be seen more easily.
- Consider use of non-toxic face paints that allow a greater field of vision than a mask.
- Pin your name, address and phone number to younger children's costumes in case they get separated from the group. An adult or an older responsible youth should supervise children under 12.
- Tell your kids never to enter a stranger's home. Better yet, go to houses of only people you know.
- Use bags that are made of reflective material and carry a flashlight or glow-stick.
- Tell children not to eat any of their treats until they get home and everything has been examined. When in doubt, throw it out.
- It's a good idea to feed youngsters before they go out, so they won't be hungry.
- As an alternate to candy that might be thrown away by cautious parents, consider giving items such as pencils, money or gift certificates.
- As an adult, be aware of your surroundings while driving. Kids are excited and may not pay attention before darting out in front of you.

Take a few minutes to discuss these rules with you family before going out and "trick or treating." Most importantly, have a safe and happy Halloween.

(Editor's note: These tips were provided by David L. Hill, Certified Safety Professional who works as an Explosives Safety Engineer for Hazards Control.)

PEOPLE NEWS



Run for HOME nears the starting blocks

The Run for HOME, the Lab's annual kickoff to the Helping Others More Effectively (HOME) Campaign is just around the corner – Oct. 31. This year's event is sponsored by the Science and Technology Principal Directorate.

The Run

Participate in the Run just for fun or to win one of the 1st-place prizes. The race begins promptly at noon. The winners will be announced and prizes awarded at 12:45 p.m. Race winners will be presented a monetary award, which they may donate to the charity of their choice.

- 1st place open male runner / 1st place open female runner
- 1st place male masters runner / 1st place female masters runner
- 1st place male runner Site 300 / 1st place female runner Site 300

Costumes

Come join the fun and participate in the costume contest. With this year's race being held on Halloween, a variety of interesting individual and group costumes are expected, not to mention the centipedes. There will be five individual costume awards and two group awards for: most humorous; most creative; scariest; best impersonation; most outrageous; best group theme (minimum of five participants); and most creative centipede (minimum of ten participants and must be connected).

Agency Fair

The nonprofit-agency fair will be held near the race starting point. Employees will have the opportunity to learn firsthand about some of the nonprofit agencies featured in the HOME Campaign booklet and how each agency supports our local community.

Vintage T-shirts

T-shirts from previous Run for Home events will be available to those persons who are interested.

For more information, contact Sherene Goulart, 2-1923, or smgoulart@llnl.gov. Look for more details about the Run for HOME in next Friday's (Oct. 26) *Newsline*.



NEWSLINE

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For an extended list of Lab beats and contacts, see <http://www.llnl.gov/pao/contact/>

The Laboratory changes welding policy



(Editor's note: Newsline is publishing this item because some welders do not have regular access to e-mail or online communications. Please share this information with anyone for whom this would be relevant.)

The Laboratory has decided to discontinue the use of thoriated weld electrodes at the Livermore site and Site 300 effective Jan. 31, 2008.

Recent DOE Office of Health, Safety and Security reviews at several energy department sites, including Livermore, identified concerns with a lack of a hazard analysis associated with use of tungsten weld electrodes containing thorium. Under certain conditions, the liberation of thorium particles may lead to potential contamination and an internal exposure hazard.

LLNL has evaluated the need to use thoriated weld electrodes and concluded that there are thorium-free tungsten electrodes available (containing cerium and lanthanum compounds) that provide a technically viable alternative to the use of thoriated weld electrodes without their potential health hazards.

As a result, the actions to be taken by welders include:

- Identify thoriated weld electrodes by the color coating on electrode – blue, yellow, red, violet or orange.
- Contact your ES&H Team representative for guidance on disposal of thoriated weld electrodes. If you are unsure of the content of a weld electrode, assume it is a thoriated electrode. To find your ES&H representative, check the Web: https://biweb.llnl.gov/pls/lb/LI.LI_ORG_ROLE_UTIL_PG1.LI_ORG_ROLE_MENU_PR1.
- Procedures specifically calling out use of thoriated weld electrodes may need to be rewritten and recertified (where necessary).
- Effective immediately, do not purchase or use thoriated weld electrodes.

New café service launched



PHOTO BY JACQUELINE MCBRIDE/NEWSLINE

Sodexo Federal Food Services has launched service in each of the cafeterias. The grand opening featured a wide selection of breakfast and lunch entrees, sandwiches, salads, fruits and snacks. Seattle's Best Coffee has replaced Ritazza as the brewed coffee. Starbucks has replaced Java Wave at each coffee bar. While the company name and serving stations may look different, the staff that has served employees in the past, should look the same, as Sodexo retained the vast majority of the Eurest and Java Wave workforce.

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